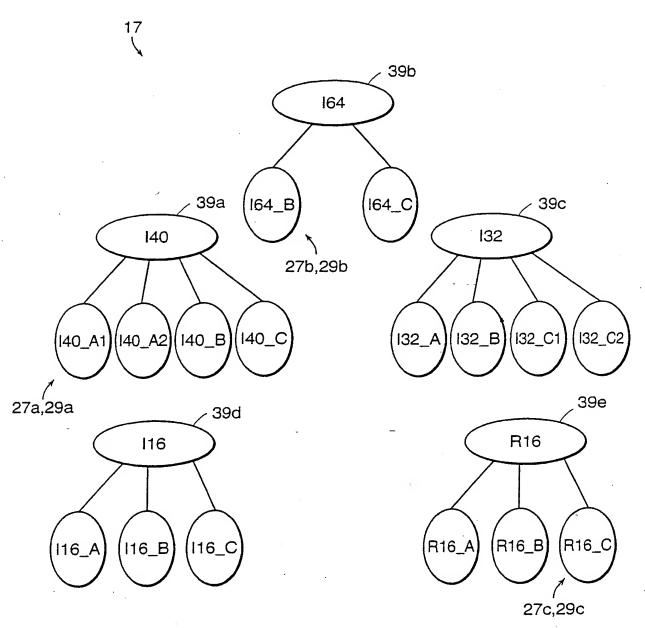
Docket/App No.: 2376.1001-003

Title:Method and Apparatus for Accurately....
Inventors: Anastasios S. Maurudis et al.

1/8



POWER STRUCTURE OF CLASS HIERARCHY
FOR EXAMPLE LIBRARY

FIG. 1

Docket/App No.: 2376.1001-003

Title:Method and Apparatus for Accurately....

Inventors: Anastasios S. Maurudis et al.

2/8

```
FLOAT func1(FLOAT);
FLOAT func2(FLOAT); 25
void main{
FLOAT a,b,c;
b=func1(a);
c=func2(b);
return 0;}

Pure FLOAT Model
```

FIG. 2

```
ToInt func1(ToInt);
I64_B func1(I64_B);
FLOAT func2(FLOAT);
void main{

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ToInt a,b;
FLOAT C;
b=func1(a);
c=func2(b.data);
return 0;}
ToInt func1(ToInt d)
{I64_B e(d);
 I64 B f;
 f=func1(e);
 return (ToInt) f;}
           Mixed Model
```

FIG. 3

3/8

```
FLOAT func1(FLOAT);
ToInt func2(ToInt);
I64_B func2(I64_B);
void main{
FLOAT a;
ToInt b,c;
b.data=func1(a);
                         33b
c=func2(b);
return 0;}
ToInt func2(ToInt d)
{I64_B e(d);
 I64_B f;
 f=func2(e);
 return (ToInt)f;}
      Mixed Model
```

I64_B func1(I64_B);
I64_B func2(I64_B);

void main{
I64_B a,b,c;
b=func1(a);
c=func2(b);
return 0;

Pure Fixed Model FIG. 5

FIG. 4

Docket/App No.: 2376.1001-003 Title:Method and Apparatus for Accurately.... Inventors: Anastasios S. Maurudis et al.

4/8

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Layout of TMS320C54x Accumulator A

5/8

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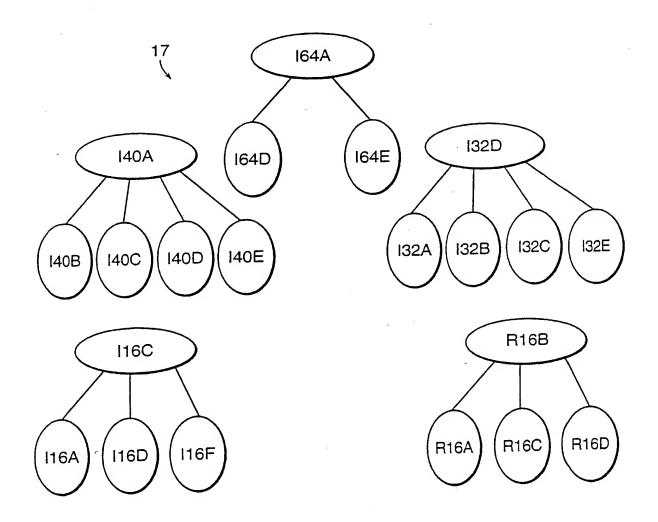
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Docket/App No.: 23/6.1001-003

Title:Method and Apparatus for Accurately....

Inventors: Anastasios S. Maurudis et al.

7/8



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FIG. 9

